



Device			horizontal or vertical mounting H = horiz. V = vert.	number per row
Compact circuit breaker	400 to 630 A, fixed or plug-in		front or rear connected (mounting plate for standard use)	
Compact NS400/630	toggle	H	1 3P	
NB400/600		H	1 4P	
	rotary handle	H	1	
	motor mechanism	H	1	
Vigicompact NS400/630	toggle	H	1 3P	
		H	1 4P	
	rotary handle (1)	H	1	
	motor mechanism (3)	H	1	
400 to 630 A, fixed or plug-in	front or rear connected (wide mounting plate for connection with terminal spreaders)		front or rear connected (wide mounting plate for connection with terminal spreaders)	
Compact NS400/630	toggle	H	1	
NB400/600	rotary handle	H	1	
	motor mechanism	H	1	
Vigicompact NS400/630	toggle	H	1	
	rotary handle (1)	H	1	
	motor mechanism (3)	H	1	
400 to 630 A, fixed or plug-in	front or rear connected		front or rear connected	
Compact NS400/NB400	toggle	V	1	
	rotary handle	V	1	
Compact NS630/NB600	toggle	V	1	
	rotary handle	V	1	
Vigicompact NS400	toggle	V	1	
	rotary handle	V	1	
Vigicompact NS630	toggle	V	1	
	rotary handle	V	1	
Compact, Vigicompact NS400	toggle	V	1	
	rotary handle	V	1	
Compact, Vigicompact NS630	toggle	V	1	
	rotary handle	V	1	

(1) For access to the Vigi module test button, order the special collar 29285 with the circuit breaker.

(2) Connecting horizontal devices:

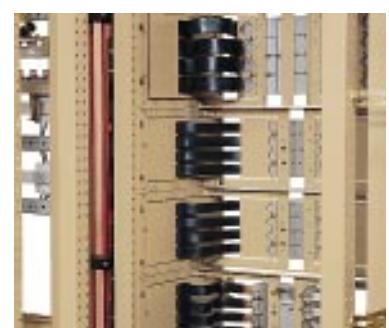
The prefabricated connection for horizontally mounted devices can be installed on front-connected circuit breakers only, whatever the type of operating mechanism (except for the motor mechanism for the NS400/630) in Prisma P cubicles with Linergy busbars. For all other cases, including connection to conventional busbars (flat bars) or connection in a Prisma PH cubicle, use the barrier without connection (see opposite).

(3) No access to the Vigi module test button.

Connecting devices  
to the busbars



Fixed, horizontal, front-connected Compact NS circuit breaker, connected to the busbars using the prefabricated connection.



The connection is supplied with a barrier that secures the conductors and provides Form 2 separation.

Module	Mounting plate and connection to busbars						Front plate		
	fixed device mounting plate	upstream connection (2) with barrier	barrier without connection	plug-in device mounting plate	upstream connection with barrier	barrier without connection	cut-out front plate	top front plate	bottom front plate
4	07734	07234		07734		07274	07916		
5	07735	07235		07735		07275	07975		
5	07735		07235		07735		07275	07976	
5	07735			07275		07275	07976		
4	07734	07234		07734		07274	07916		
5	07735	07235		07735		07275	07975		
5	07735		07235		07735		07275	07976	
5	07735			07735		07275	07976		
5	07735			07275	07735	07275	07976		
6	07736	07235		07736		07275	07977		
6	07736	07235		07736		07275	07978		
6	07736		07275	07736		07275	07978		
6	07736	07235		07736		07275	07977		
6	07736	07235		07736		07275	07978		
6	07736		07275	07736		07275	07978		
wide mounting plate for connection with terminal spreaders									
11	07750					07834	07802		
11	07750					07835	07802		
13	07750					07834	07803	07801	
13	07750					07835	07803	07801	
13	07750					07834	07802	07802	
13	07750					07835	07802	07802	
15	07750					07834	07803	07803	
15	07750					07835	07803	07803	
12			07750			07834	07802	07801	
12			07750			07835	07802	07801	
14			07750			07834	07803	07802	
14			07750	07750		07835	07803	07802	

## Barrier without connection



### A metal barrier enabling:

- the passage and support of connections (not supplied) to a horizontal Compact NS400/630 circuit breaker
- implementation of Form 2 separation.

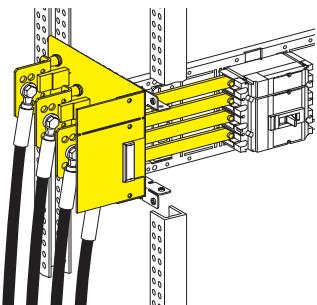
It is used when the prefabricated connection and barrier are not available or for certain switchboard configurations such as:

- connection to vertical busbars (flat bars) in a Prisma P cubicle
- connection to any vertical busbars (flat bars or Linergy busbars) in a Prisma PH cubicle.

choice of barrier without connection	cat. No.
NS400/630	3P 4P
	07274 07275

## Downstream connection

In duct via special assembly



Four-pole connection assembly making device connections possible in the duct.

See page 117

### Direct using lugs

Connection of Compact NS400/630 circuit breakers using cables 240 mm<sup>2</sup>, with crimped lugs.

Two solutions:

- small lugs (for direct connection to the device terminals)
- For 3P device.

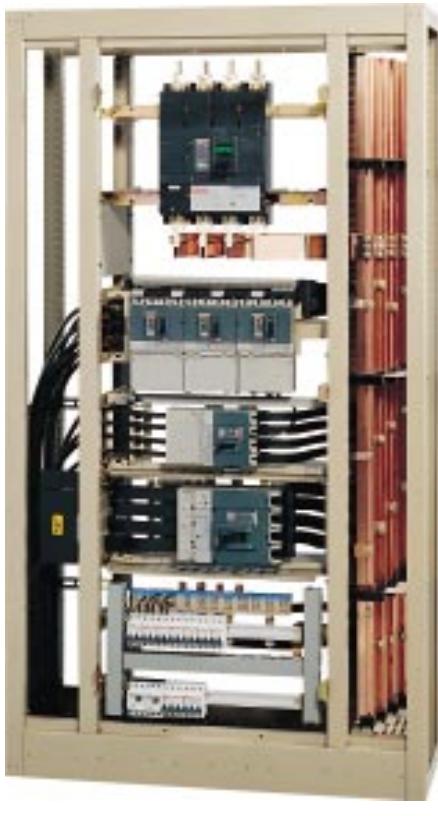
cable cross-section	set of 3
240 mm <sup>2</sup>	32500
300 mm <sup>2</sup>	32502

□ for 4P device

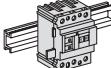
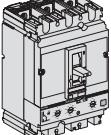
cable cross-section	set of 4
240 mm <sup>2</sup>	32501
300 mm <sup>2</sup>	32503

- normal lugs: use 52.5 mm pitch spreaders

type of device	1 set of terminal spreaders
3P device	32490
4P device	32491



Fixed, vertical Compact NS100/250 circuit breakers connected to the busbars by the Polypact distribution block. The distribution block is supplied with prefabricated connections and a barrier that secures the conductors and implements Form 2 separation.

Device	horizontal or vertical mounting H = horiz. V = vert.	number per row
Compact circuit breaker 125 A, fixed, toggle NSA125/160 	front connected V	4 3P, 3 4P
Vigi NSA125/160	V	2 3P, 1 4P
Compact circuit breaker 100 to 160 A, fixed or plug-in C100E 	front or rear connected H	1
	V	4
NB50 3P	V	5
NB100 3P	V	4
Compact NS100/160 NS125E	toggle H V rotary handle H H V motor mechanism H H V	1 2P, 1 3P 1 4P 4 2P, 4 3P, 3 4P 1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P 1 2P, 1 3P 1 4P 4 2P, 4 3P, 3 4P
Vigicompact NS100/160 NS125E	toggle H H V rotary handle (1) H H V motor mechanism (1) H H V	1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P 1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P 1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P
250 A, fixed or plug-in Compact NS250 NB225	front or rear connected toggle H H V rotary handle H H V motor mechanism H H V	1 2P, 1 3P 1 4P 4 2P, 4 3P, 3 4P 1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P 1 2P, 1 3P 1 4P 4 2P, 4 3P, 3 4P
Vigicompact NS250	toggle H H V rotary handle or motor mechanism (1) H H V	1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P 1 2P, 1 3P 1 4P 3 2P, 3 3P, 3 4P
combinations (3), NS100/160/250, fixed or plug-in	front or rear connected	
Compact NS100/250 NB225	toggle/rotary handle V motor mechanism V	4 2P, 4 3P, 3 4P 4 2P, 4 3P, 3 4P
Vigicompact NS100/250	toggle V rotary handle V motor mechanism (1) V	3 2P, 3 3P, 3 4P 3 2P, 3 3P, 3 4P 3 2P, 3 3P, 3 4P

(1) For access to the Vigi module test button, order the special collar 29285 with the circuit breaker.

(2) Connecting horizontal devices:

The connection for horizontally mounted devices can be installed only on front-connected circuit breakers, whatever the type of operating mechanism, and in Prisma P cubicles with Linergy busbars. For all other cases, including connection to conventional busbars (flat bars) or connection in a Prisma PH cubicle, use flexible copper straps (see page 102) and the barrier without connection (see opposite).

Connecting vertical front-connected devices (Polypact):

In Prisma P cubicles, Polypact distribution blocks 07013 and 07014 may only be connected to Linergy busbars. In Prisma PH cubicles, connections must always be made using Polypact distribution blocks 07012 and 07015 regardless of the type of busbar, supplied without prefabricated connections and without barriers.

Module	Mounting plate and connection to busbars					Front plate		
	vertical modules required H = 50 mm	fixed device mounting plate	upstream connection (2) with barrier	plug-in device mounting plate	upstream connection with barrier or barrier (without connection)	cut-out front plate	top front plate	bottom front plate
6	07639	07262 (barrier without connection)				07814	07801	07801
6	07639	07262 (barrier without connection)				07814	07801	07801
4	07614 + 39993					07901		
5	07633 + 39993					07850		
5	07619 + 07580					07839		
5	07619 + 07580					07839		
3	07730	07230	07730	07230		07900		
4	07731	07231	07731	07231		07852(5)		
6	07732	Polypact 07013(3P) or 07014(4P)	07733		07276	07853	07801	
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
6	07732	Polypact 07014(4P)	07733		07276	07853	07801	
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
6	07732	Polypact 07012(3P) or 07015(4P)	07733		07276	07853	07801	
3	07730	07230	07730	07230		07900		
4	07731	07231	07731	07231		07852		
8	07732	Polypact 07014	07733		07276+07260	07854	07801	
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
8	07732	Polypact 07014	07733		07276+07260	07964	07801	
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
8	07732	Polypact 07015(4P)	07733		07276+07260	07964	07801	
3	07730	07230	07730	07230		07900		
4	07731	07231	07731	07231		07852(5)		
9	07732	07276 + 07260(4)	07733		07276+07260	07853	07802	07802
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
9	07732	07276 + 07260(4)	07733		07276+07260	07853	07802	07802
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
9	07732	07276 + 07260(4)	07733		07276+07260	07853	07802	07802
3	07730	07230	07730	07230		07900		
4	07731	07231	07731	07231		07852		
11	07732	07276 + 07260(4)	07733		07276+07260	07854	07802	07802
3	07730	07230	07730	07230		07914		
4	07731	07231	07731	07231		07855		
11	07732	07276 + 07260(4)	07733		07276+07260	07964	07802	07802
9	07732	Polypact 07013(3P) or 07014(4P)	07733		07276+07260	07853	07802	07802
9	07732	Polypact 07015(4P) or 07012(3P)	07733		07276+07260	07853	07802	07802
11	07732	Polypact 07014 + 07260	07733		07276+07260	07854	07802	07802
11	07732	Polypact 07014 + 07260	07733		07276+07260	07964	07802	07802
11	07732	Polypact 07015	07733		07276+07260	07964	07802	07802

(3) Vertically mounted 100 A to 250 A circuit breakers may be combined on the same row under the following conditions:

- same type (normal circuit breaker or Vigi version)
- same control (toggle, rotary handle or motor mechanism)
- no terminal spreaders.

The following configurations can be supplied by Polypact:

- 3P devices:

- 100/100/100/250
- 100/100/160/250
- 100/160/160/250

- 4P devices:

- 100/100/250
- 100/160/250.

(4) Barriers without connections.

(5) If the device is fitted with a measurement module, use mounting plate 07856.



Prisma P switchboard with front plate support uprights + transparent door



Prisma P switchboard equipped with functional doors

Device	horizontal or vertical mounting H = horizontal V = vertical	number per row
<b>Visucompact circuit breaker</b> 	<b>100 to 630 A, fixed, front connected</b> NS100/250 Visu NS100/250 Visu earth-fault protec. NS400/630 Visu NS400/630 Visu earth-fault protec.	<b>toggle</b> V 1 V 1 V 1 V 1
<b>manual source changeover</b> 	<b>100 to 630 A front or rear connected</b> NS100/250 and Vigi NS100/250 with mechanical interlocking ref. 29347 NS100/250 and Vigi NS100/250 with mechanical interlocking ref. 29369 (3) NS400/630 and Vigi NS400/630 with mechanical interlocking ref. 29347 NS400/630 and Vigi NS400/630 with mechanical interlocking ref. 32621 (3)	<b>rotary handle</b> V 1 V 1 H 1 H 1
<b>automatic source changeover</b> 	<b>100 to 630 A fixed or plug-in front and rear connected</b> NS100/250 and Vigi NS100/250 without controller NS400/630 and Vigi NS400/630 without controller  <b>controller only</b>	<b>motor mechanism</b> H H
<b>Compat withdrawable circuit breaker</b> 	<b>100 to 630 A front or rear connected</b> NS100/160/250 NS100/160 NS250 NS400/630 NS400 NS630	<b>toggle or motor mechanism (1)</b> H 1 V 2 2P, 2 3P, 1 4P V 2 2P, 2 3P, 1 4P H 1 V 1 V 1

(1) For devices fitted with a toggle, order the special collar 29284 for NS100/250 or 32534 for NS400/630. For devices fitted with a rotary handle, please consult us.

(2) 4-pole device with keylock: include an extra vertical module and add a plain top front plate 07801 + 1 to 6 module divisible barrier ref. 07260.

(3) Downstream coupling accessory:

- for NS 100/250, 3P 29358 and 4P 29359
- for NS 400/630, 3P 32619 and 4P 32620.

### Barrier without connection

A metal barrier enabling:

- the passage and support of connections (not supplied) to a horizontal Compact NS100/250 circuit breaker
- implementation of Form 2 separation.

It is used when the prefabricated connection with barrier is not available or for certain switchboard configurations such as:

- connection to vertical busbars (flat bars) in a Prisma P cubicle
- connection to any vertical busbars (flat bars or Linergy busbars) in a Prisma PH cubicle.

choice of barrier without connection	cat. No.
NS100/250	3P 07270
	4P 07271

Device installation					Form 2
vertical modules required H = 50 mm	mounting plate	cut-out front plate	top front plate	bottom front plate	barrier (without connection)
11	07528 + 07619	07888			07273
11	07528 + 07619	07888			07273
16	07529 + 07619	07889	07801		07278
18	07529 + 07619	07889	07801	07802	07278
10	07629	07954	07802	07803	07262
10	07579 + 07619	07829	07802	07803	07262
10	07737	07957		07801	07280
11	07749	07830			07280
8	07729	07947			07277
10	07739	07948			07280
4	07729	07949			07264
6	07731	07919			07271 + 07260
7	07733	07853	07801	07801	07276 + 07260
9	07733	07853	07802	07802	07276 + 07260
6 (2)	07736	07978			07275
12	07750	07834	07802	07801	
14	07750	07834	07803	07802	

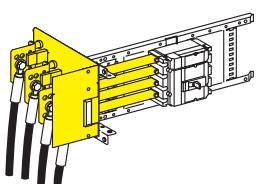
## Downstream connections

### NS100/250 A

Connection of Compact NS100/250 circuit breakers using cables  $\geq 120 \text{ mm}^2$ , with crimped lugs. Use small crimped lugs.

cable cross-section	set of 4
120 $\text{mm}^2$	29256
150 $\text{mm}^2$	29257
185 $\text{mm}^2$	29258

In duct via special assembly



See page 117.

### NS400/630 A

Connection of Compact NS400/630 circuit breakers using cables  $\geq 240 \text{ mm}^2$ , with crimped lugs.

Two solutions:

- small crimped lugs (for direct connection to the terminals of the device):

for 3P device

cable cross-section	set of 4
240 $\text{mm}^2$	32500
300 $\text{mm}^2$	32502

for 4P device

cable cross-section	set of 4
240 $\text{mm}^2$	32501
300 $\text{mm}^2$	32503

- normal lugs: use 52.5 mm pitch spreaders

type of device	1 set of terminal spreaders
3P device	32490
4P device	32491